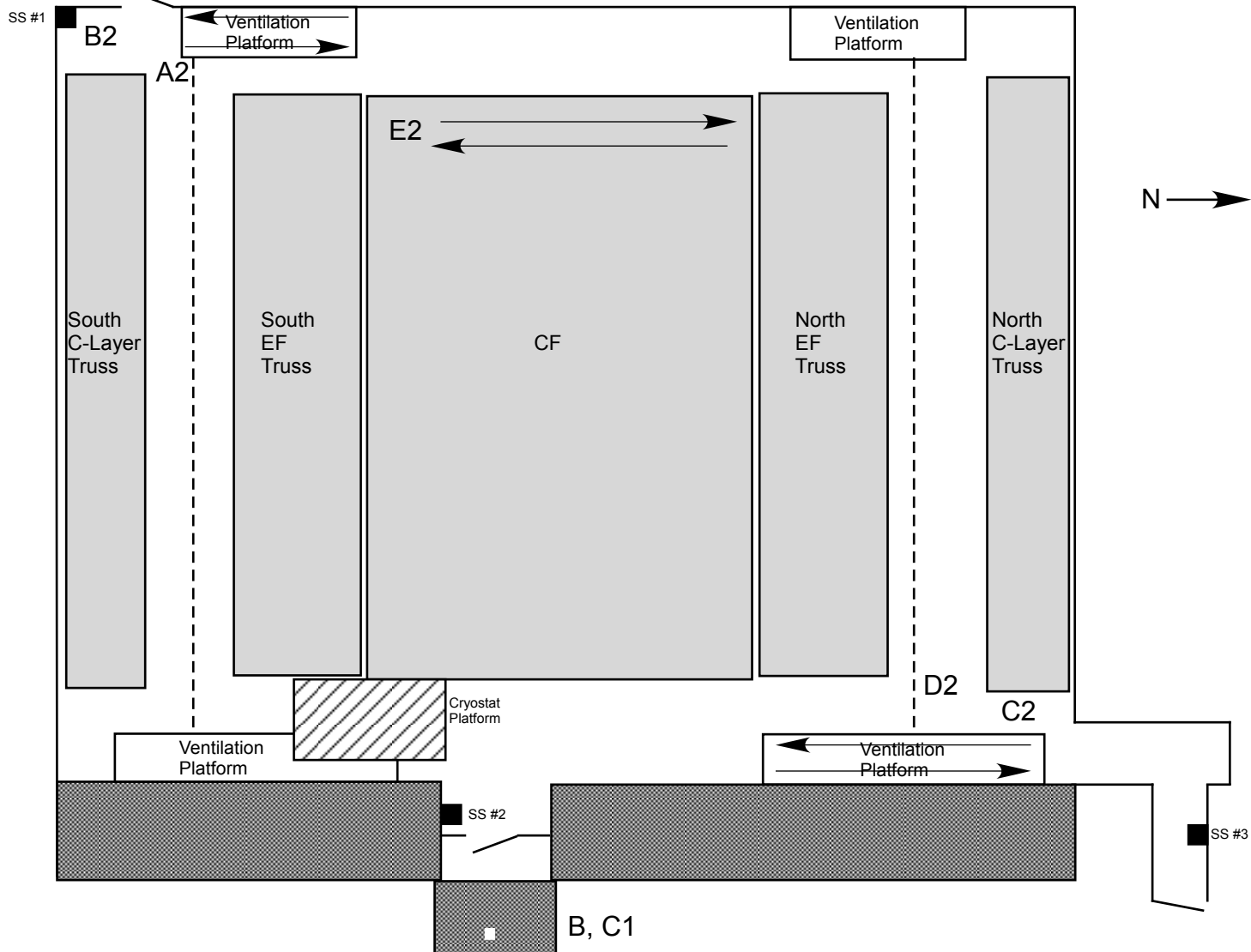


D0 Collision Hall EF Truss and CF in the "In Position"



I. **Check removable shielding at Pit entrance. Set Guards A, D, E and search the North East and South West ventilation platforms.**

1. **B & C** check that the shield blocks covering the Pit Access are in place and locked with (1) D0 Collision Hall Enter cored padlock and (1) PAD 118 cored padlock
2. **A & B** proceed to sequence box #1. **A** set guard such that you can see west to east between the South C-Layer Truss and South EF Truss.

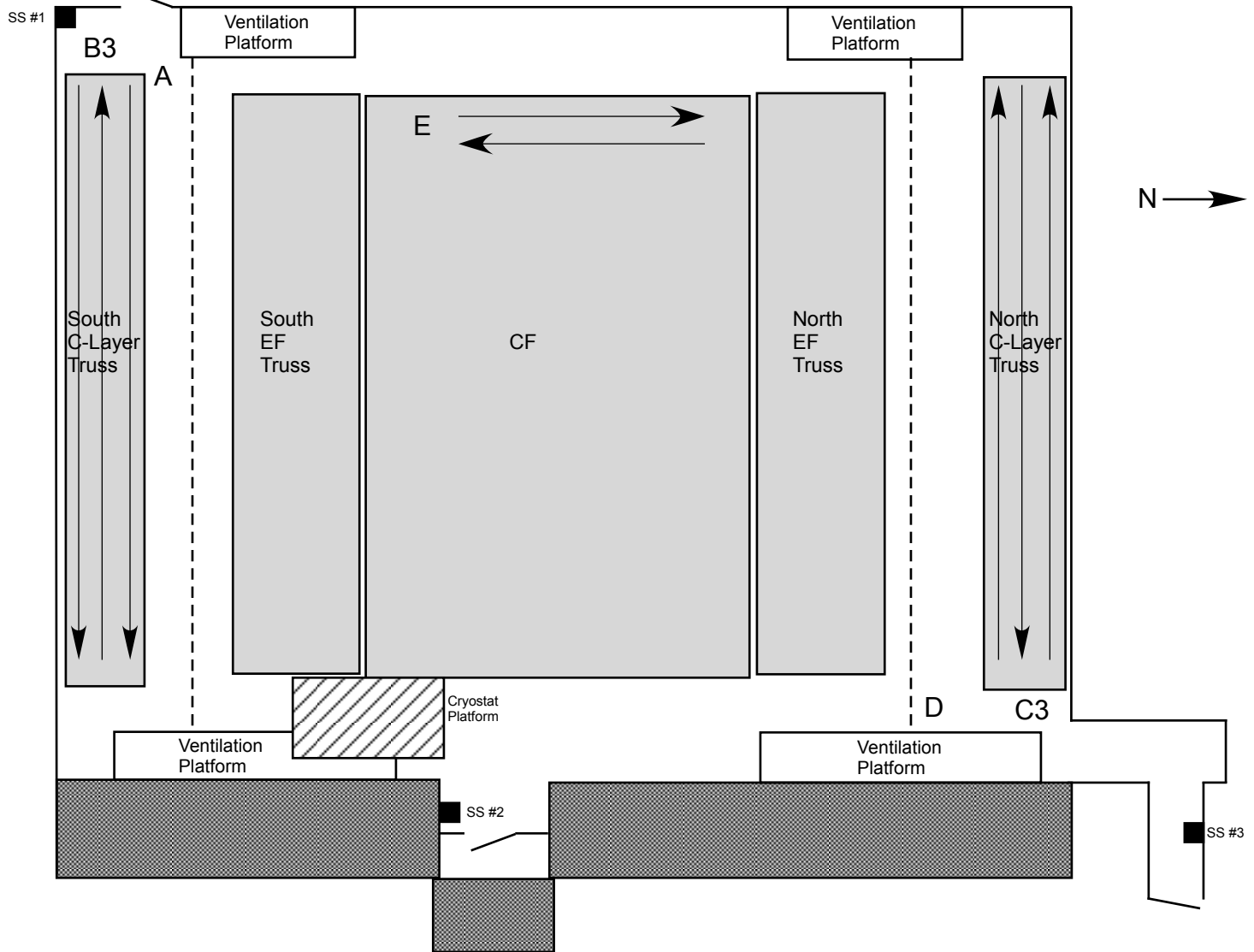
E proceeds to the west side upper level of the CF. Set guard such that you can see west to east through the upper level of the CF. Periodically walk north to south and vice versa checking to ensure that nobody tries to access the top of the CF. Utilize a flashlight for this. The guard will remain here until **C** searches this portion of the CF later in this procedure.

D set guard such that you can see east to west between the North EF Truss and the North C-Layer Truss.

C searches the North East ventilation platform.

B searches the South West ventilation platform. Reset sequence box #1.

D0 Collision Hall EF Truss and CF in the "In Position"

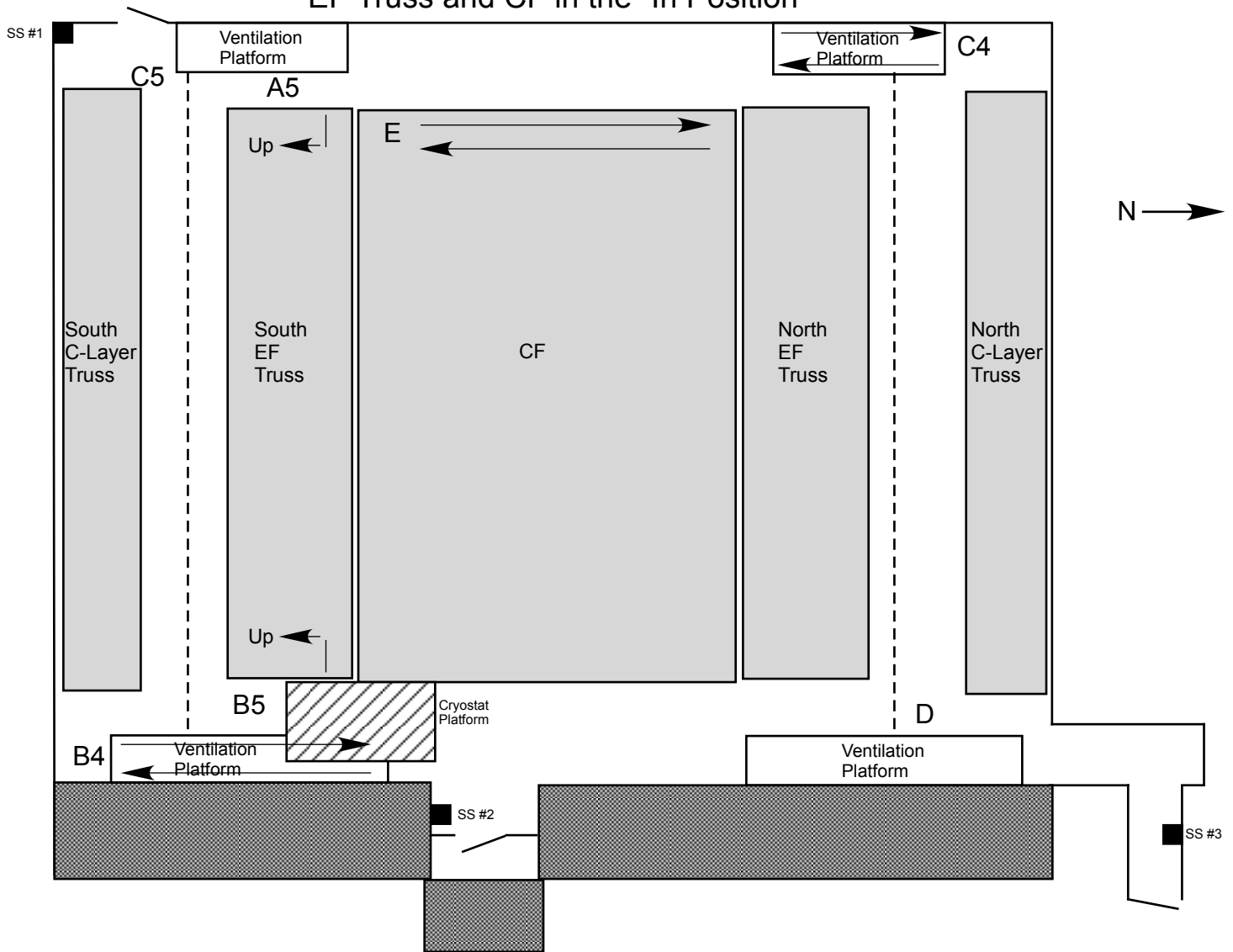


II. Search the North and South C-Layer Trusses.

3. **B** enters the South C-Layer Truss from the west side. Proceed up the west side stairs visually searching west to east across the truss as you ascend. Also visually search the red muon steel that runs through the truss. Do Not attempt to climb on the red muon steel to search it. Proceed to the top level of the truss and establish visual contact with **C**. This may require the use of flashlights. **C** enters the North C-Layer truss from the east side. Proceed up the east side stairs visually searching east to west across the truss as you ascend. Also visually search the red muon steel that runs through the truss. Do Not attempt to climb on this to search it. Proceed to the top level of the truss and establish visual contact with **B**. This may require the use of flashlights. **B & C** perform a visual search across the EF Trusses and the CF. This search should consist of at least three iterations of climbing up and looking across as you travel east to west or west to east as appropriate. Note: Care should be taken climbing up the truss supports and unistrut structures. Do Not utilize fragile equipment or small copper gas lines for support. **B** exits the South C-Layer Truss from the East side. Proceed down the east stairs visually searching east to west across the truss as you descend. **C** exits the North C-Layer Truss from the west side. Proceed down the west side stairs visually searching west to east across the truss as you descend.

D0 Collision Hall

EF Truss and CF in the "In Position"

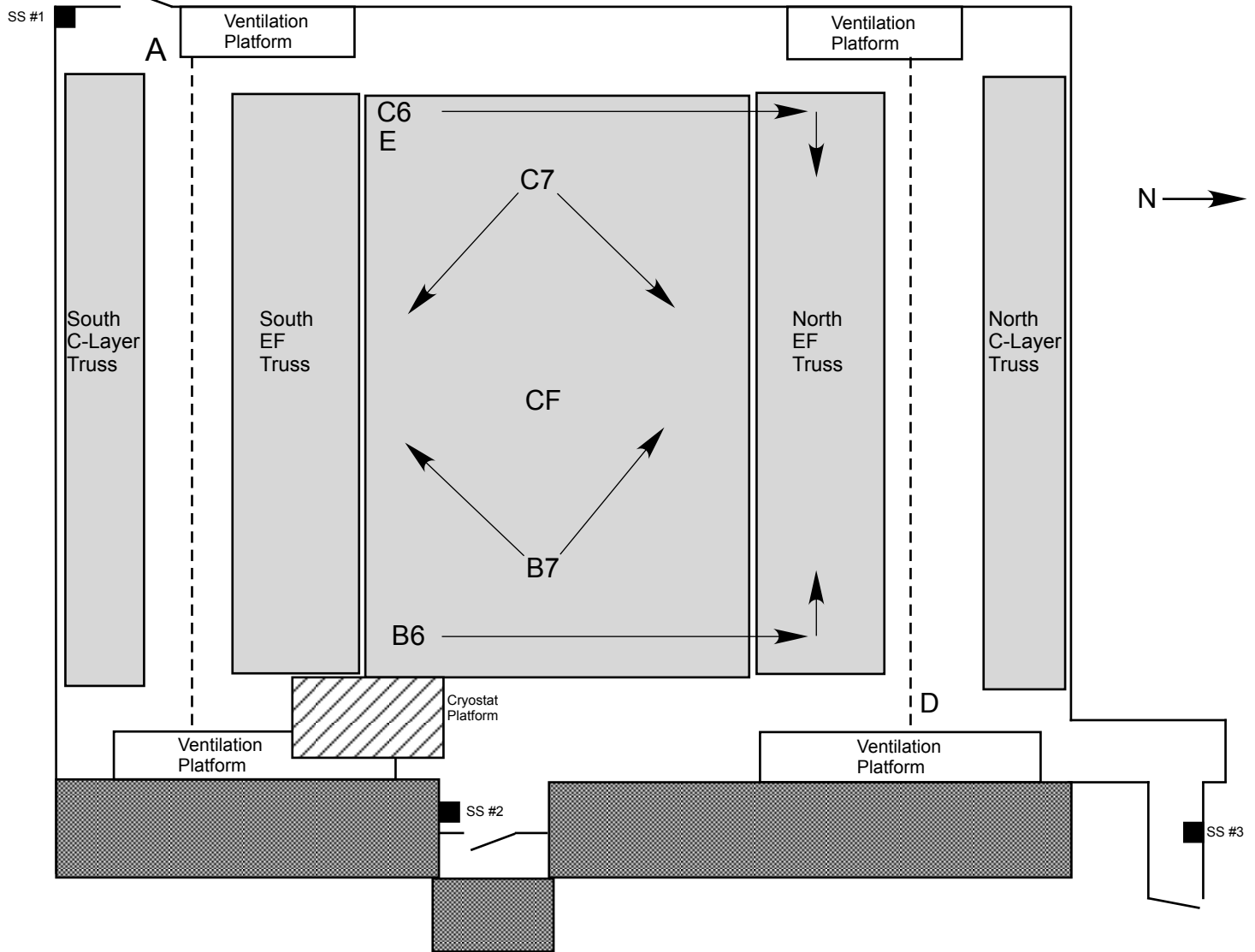


III. Search the North West ventilation platform, the South East platform, the cryostat platform and South EF Truss.

4. **B** searches the South East ventilation platform by climbing up the ladder leading to the platform. Search the cryostat platform by shining a flashlight through the grating, or climbing and doing a visual inspection.
 - C** searches the North West ventilation platform.
 5. **B** searched the east side of the South EF Truss by climbing up the ladders through each section on the east side. Wait at the top of the east side until you establish visual contact with **A** by looking across the top of the truss. You will have to remove the locking assembly and slide a section of the truss wall section to gain access to this location. This will be shut and re-locked later in this procedure.
- A** searches the west side of the South EF Truss by climbing up the ladders through each section on the west side. Wait at the top of west side until you establish visual contact with **B** by looking across the top of the truss. **C** set guard for **A** while **A** searches the EF Truss. Once **A** is done searching the EF Truss, **A** is to resume guard duty as before.
- A & B** visually search the top of the South EF Truss by coordinating with one another. Exit the South EF Truss by climbing down the same path you came up.

D0 Collision Hall

EF Truss and CF in the "In Position"



IV. Search the North EF Truss.

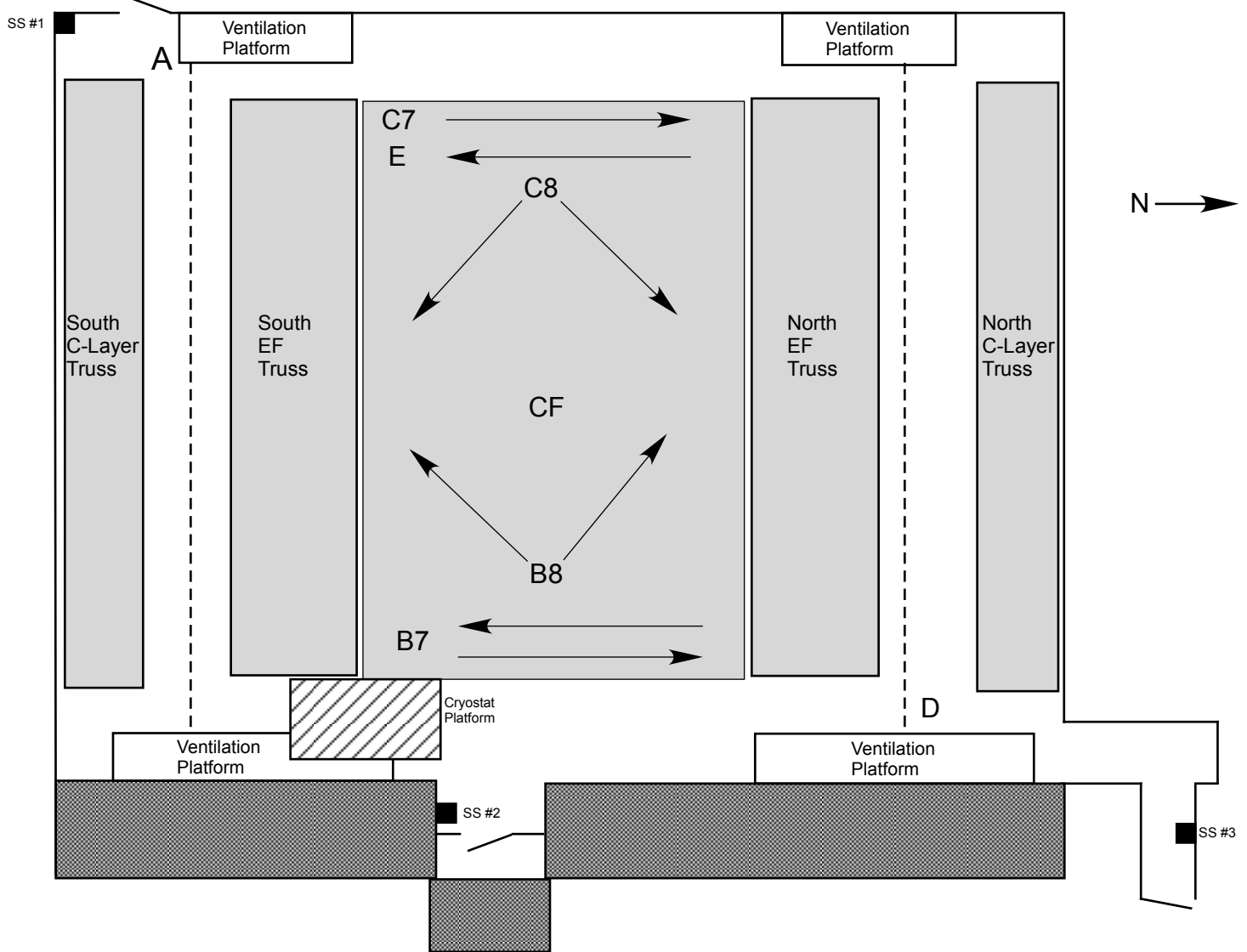
6. **B** enters the east side of the CF from the south end, and proceeds to the North EF Truss. Search the North EF Truss by climbing up the ladder through each section on the east side. Wait at the top of the east side until you establish visual contact with **C** by looking across the top of the Truss.

C enters the west side of the CF from the south end, and proceeds north to the North EF Truss. Search the North EF Truss by climbing up the ladders through each section on the west side. Wait at the top of the west side until you establish visual contact with **B** by looking across the top of the Truss.

B & C visually search the top of the North EF Truss by coordinating with one another. Exit the North EF Truss by climbing down the same path you came up. Then proceed back to the CDF Truss.

D0 Collision Hall

EF Truss and CF in the “In Position”



V. Search the CF

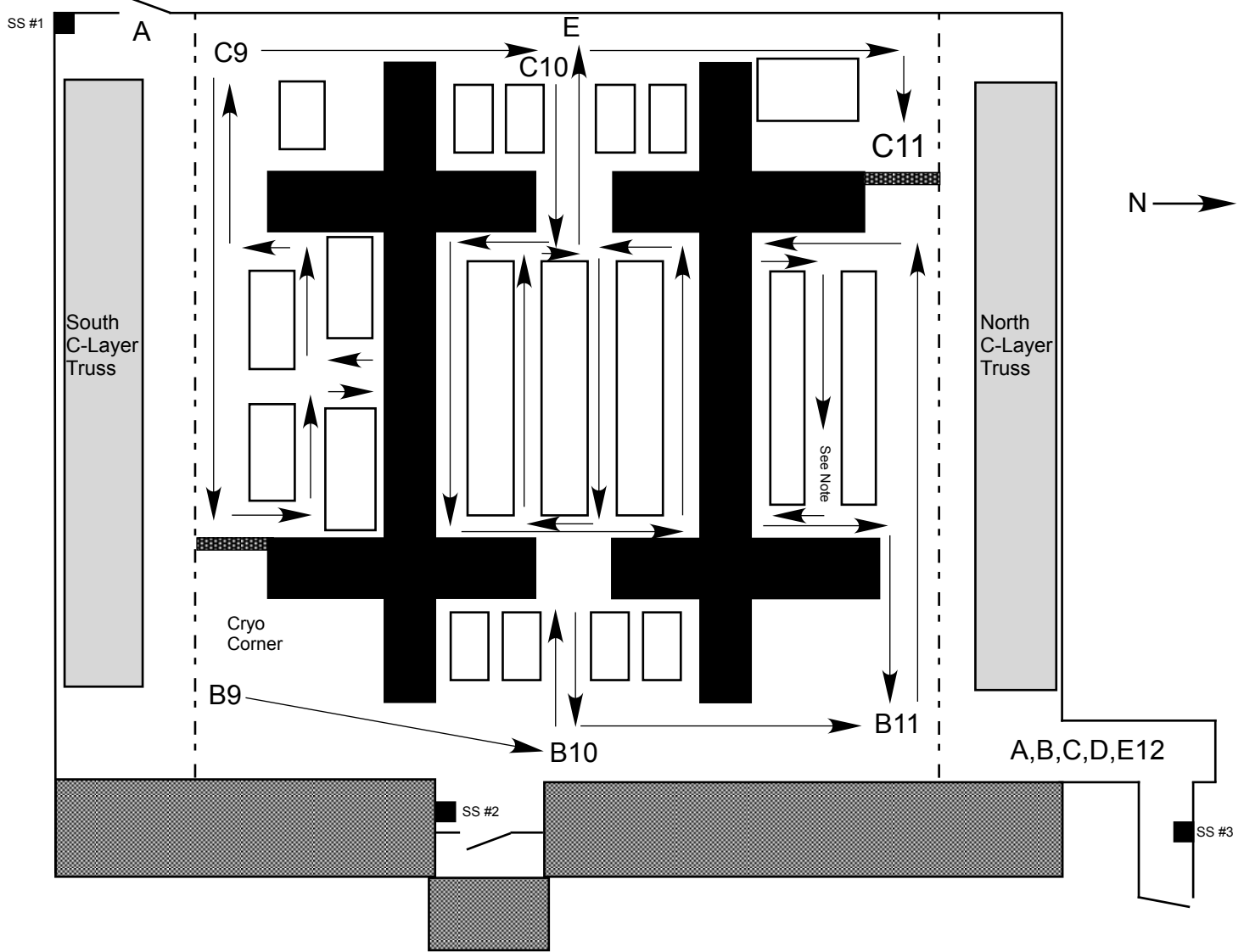
7. **B** searches the east side of the CF Truss by walking each level north to south or south to north as appropriate as you ascend. Wait for **B** at the top of the CF Truss.

C searched the west side of the CF Truss by walking each level north to south or south to north as appropriate as you ascend. Wait for **B** at the top of the CF Truss.

8. **B & C** search the top level of the CF.

When satisfied **B**, **C** & **E** exit the south end of the CF on their respective sides.

D0 Collision Hall EF Truss and CF in the "In Position"



VI. Search and Secure the D0 Pit area.

9. **E** set guard along the west wall such that you can see west to east through the middle pit section.
B set guard next to the cryogenic lines on the south east side of the pit such that you can see east to west along the south pit wall.
C Searches the south portion of the pit, behind and between all racks and equipment.
10. **B** searches the eastern most middle section, reset sequence box #2, and set guard along the east wall such that you can see east to west through the middle pit section. **C** waits until **B** is done resetting sequence box #2, then searches the western most and central section of the pit behind and between all racks and equipment.
11. **C** set guard next to the fence at the North West corner of the pit.
B searches the north portion of the pit, behind and between all racks and equipment.
 Note: Open and check inside the cable run access.
12. **B** shuts and re-locks the sliding portion of the South EF Truss.
B resets sequence box #3. **A,B,C,D,E** control access out of the collision hall.